SOFTWARE ASSURANCE FORUM
BUILDING SECURITY IN

30 September 2010

Panel Discussion:
Architecture as Security

Facilitator: Michael Kass, NIST

Paul Croll, CSC
Shakeel Tufail, Fortify Software
Andras Szakal, IBM

Our Panelists

- # Paul Croll

  - Paul Croll is a CSC Fellow in CSC's Mission Defense Group, where he is responsible for researching, developing and deploying systems and software engineering practices for cybersecurity.
  - In addition, Paul serves as a CSC North American Public Sector (NPS) resource in cybersecurity and in systems and software engineering processes and standards. Paul has over thirty five years experience in mission critical systems and software engineering.

- # Shakeel Tufail

  - Shakeel Tufail is a Managing Consultant at Fortify (an HP company), where his responsibilities include refining customer security requirements, managing Fortify product deployments and delivering security services.
  - Mr. Tufail brings over 18 years of experience to the IT industry in the areas of network engineering, software development, quality assurance, risk management, and security.
  - Recently, he led over 30 enterprise security assessments for DoD and Fortune Top 50 commercial organizations that directly led to improvement of their risk profile.

- # Andras Szakal

  - An IBM Distinguished Engineer and Chief Architect of IBM's Federal Software business unit. Andras is an Open Group Distinguished Certified IT Architect, IBM Certified SOA Solution Designer and a Certified Secure Software Lifecycle Professional (CSSLP).
  - His responsibilities include developing e-Government software architectures using IBM middleware and leading the IBM U.S. Federal Software IT Architect Team.

- **Paul Croll -** *Architecting Systems to Meet Customer Expectations - Managing Expectations, Trade Decisions, and Assurance-Related Risk*

- **Shakeel Tufail** *- Conducting an Architecture Risk Analysis (A tactical perspective with real world scenario)*

- **Andras Szakal -** Cybersecurity@IBM *A fine grained multi-tiered containment strategy*